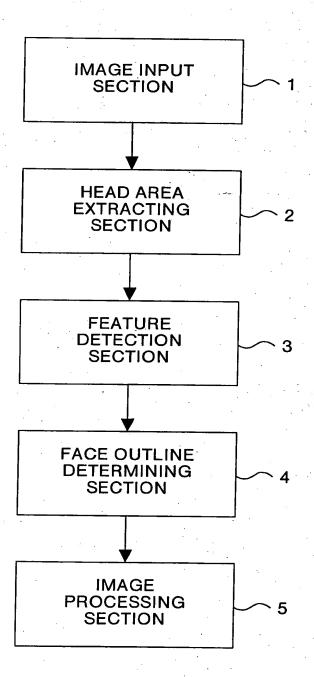
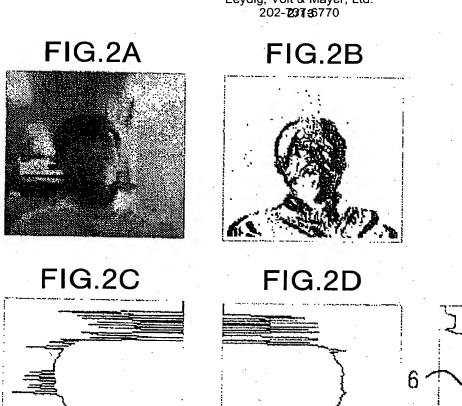
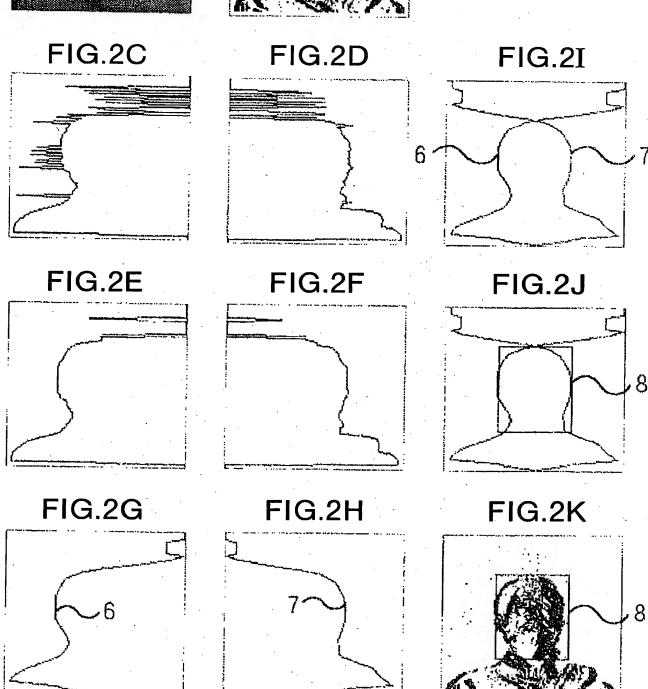
FIG.1



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FIG.3

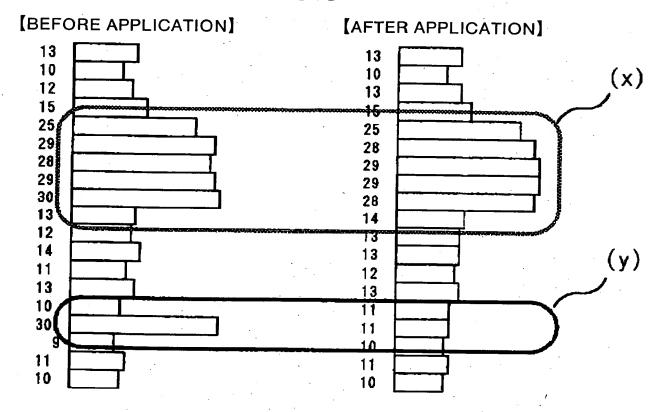


FIG.4

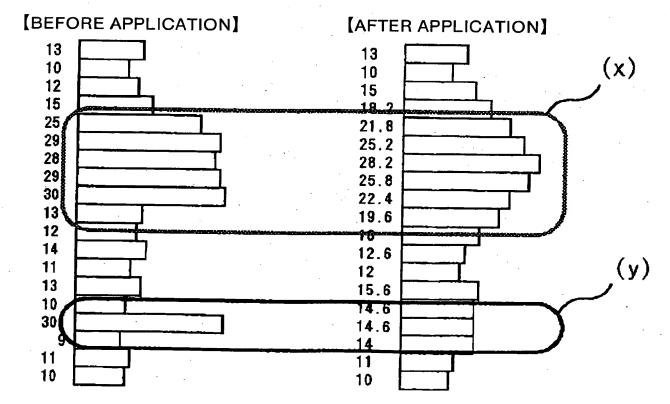


FIG.5A



FIG.5B

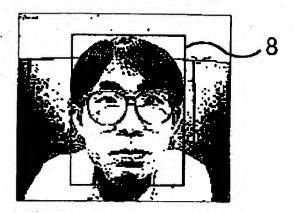


FIG.5C

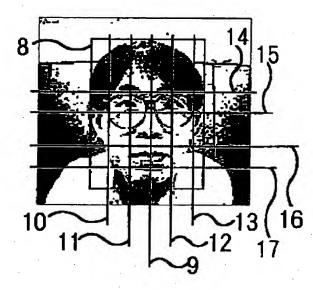


FIG.5D

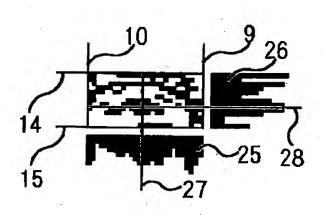


FIG.5E

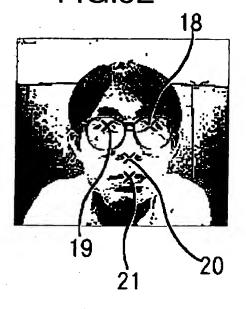
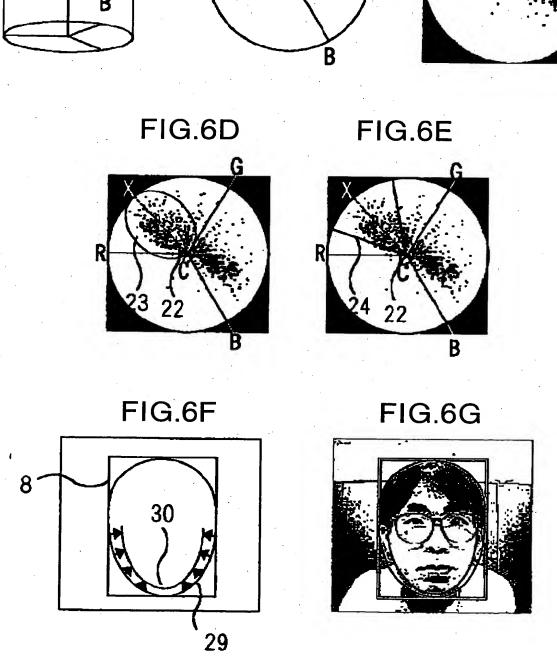


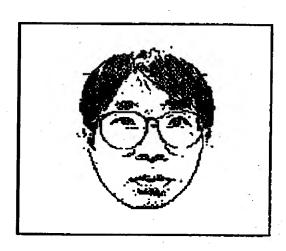
FIG.6A FIG.6B FIG.6C



Title: METHOD AND DEVICE FOR GENERATING A PERSON'S PORTRAIT, METHOD AND DEVICE

COMMUNICATIONS, AND COMPUTER PRO
Inventors: Hiroshi KAGE
Atty Docket No.: 401175
Leydig, Voit & Mayer, Ltd.
202-76/71-6770

FIG.7



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FIG.8

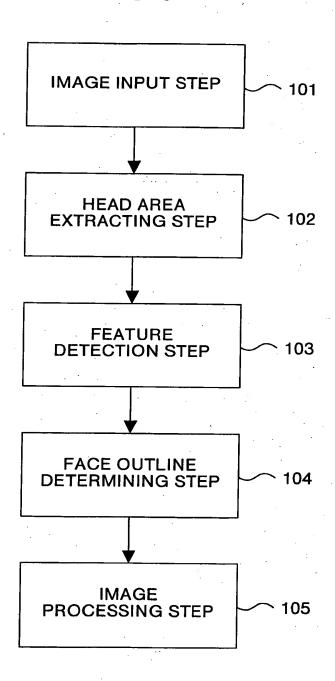


FIG.9

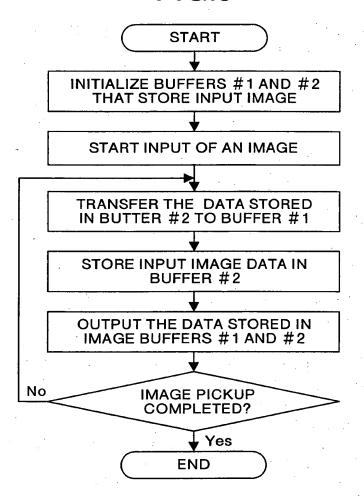
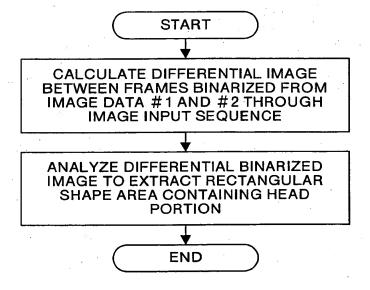


FIG.10



COMMUNICATIONS, AND COMPUTER PRO Inventors: Hiroshi KAGE Atty Docket No.: 401175 Leydig, Voit & Mayer, Ltd. 202-793766770

FIG.11

START

DETERMINE ANALYZING AREA FOR DETECTING FACE PARTS BY USING RECTANGULAR SHAPE AREA EXTRACTED THROUGH HEAD AREA EXTRACTING SEQUENCE

DETECT CENTER POSITION OF EACH FACE PART BY ANALYZING IMAGE WITHIN ANALYZING AREA

END

FIG.12

START

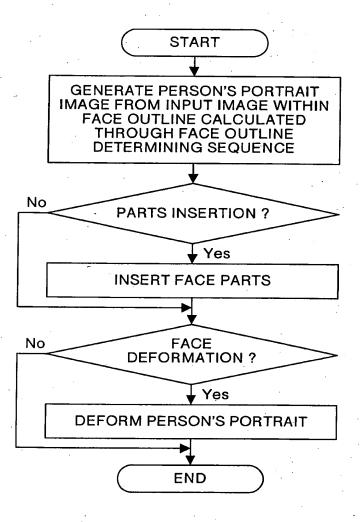
CALCULATE AVERAGE COLOR OF FACE USING RGB PIXEL DATA IN THE VICINITY OF EACH FACE PART POSITION DETECTED THROUGH FEATURE DETECTION SEQUENCE BY REFERENCE TO INPUT IMAGE

REGISTER PIXELS HAVING RGB
VALUES CLOSE TO AVERAGE COLOR
OF FACE AS SKIN COLOR PIXELS
WITHIN RECTANGULAR SHAPE AREA
EXTRACTED THROUGH HEAD AREA
EXTRACTING SEQUENCE

ANALYZE REGISTERED SKIN COLOR PIXELS TO DETERMINE FACE OUTLINE

END

FIG.13



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FIG.14A



FIG.14B



FIG.14C



FIG.14D



FIG.14E



FIG.14F



FIG.14G

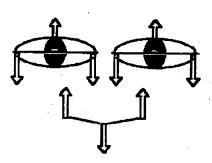


FIG.14H

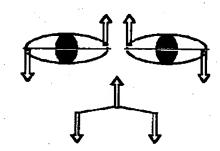


FIG.14I

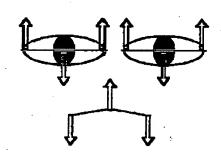


FIG.14J

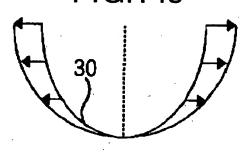
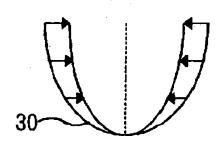


FIG.14K



Title: METHOD AND DEVICE FOR GENERATING A PERSON'S PORTRAIT, METHOD AND DEVICE

Inventors: Hiroshi KAGE Atty Docket No.: 401175 Leydig, Voit & Mayer, Ltd. 202173726770

FIG.15A



FIG.15B



FIG.15C



FIG.15D

FIG.15E



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FIG.16A



FIG.16B



FIG.16C



FIG.16D

